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## PATENT ABSTRACTS OF JAPAN

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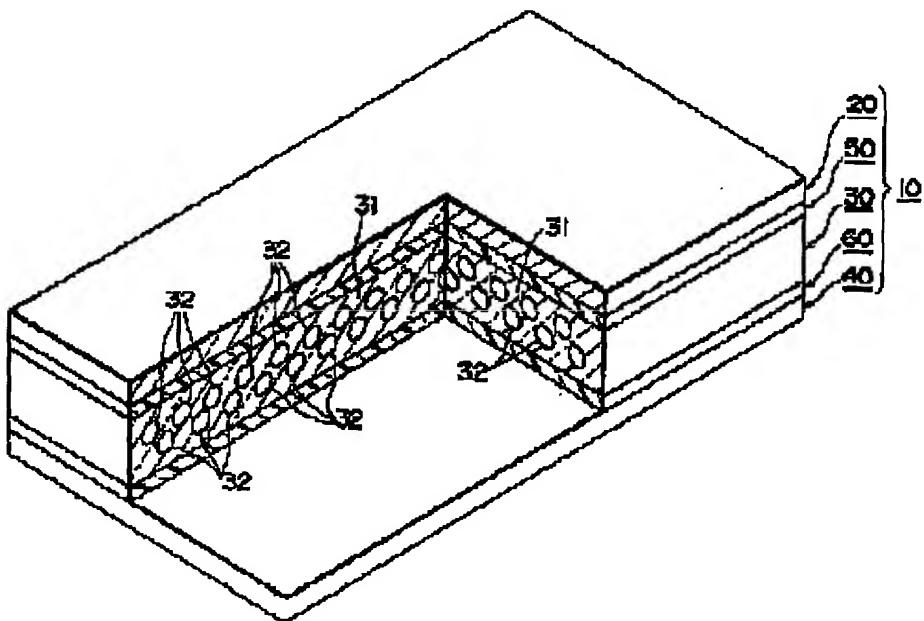
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## (54) VISIBLE DISPLAY DEVICE

(57) Abstract:

PURPOSE: To avert the lamination of microcapsules in contact with each other and to improve the mechanical strength, water resistance and moisture resistance of the microcapsules by joining a microcapsule layer to a transparent base material and a magnetic sheet respectively via adhesive layers.

CONSTITUTION: The microcapsule layer 30 functioning as a visible display region is disposed via the adhesive layer 50 one surface of the transparent base material 20 and the magnetic sheet 40 is disposed on the front surface of the microcapsule layer 30 via the adhesive layers 60 so as to form a magnetic field for visible display. This microcapsule layer 30 contains at least a binder 31 consisting of a suitable water-soluble resin crosslinked on the exposed surface and the plural microcapsules 32 dispersed into the binder 31. The adhesive strength between the binder 31 and the adhesive layers 50, 60 is, therefore, assured by adopting an ethylene/vinyl acetate copolymer as the resin base material of the adhesive layers 50, 60 if the binder 31 is formed of polyvinyl alcohol.



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